

DIVISION: FACULTY OF ENGINEERING

DEPARTMENT: ELECTRICAL ENGINEERING (POWER)

POST : PART-TIME TECHNICIAN x5

POST N°:

PEROMNES GRADE:

JOB DESCRIPTION

- Prepare, set up, operate, and maintain electrical engineering laboratory equipment and experimental apparatus.
- Assist in upgrading, adapting, and improving laboratory setups to support teaching, experimentation and project-based learning.
- Maintain, inspect, and troubleshoot laboratory equipment, test instruments and associated electrical systems.
- Guide students through correct procedures for practical experiments, equipment operation, measurements, and fault-finding exercises.
- Provide technical support to students during practical sessions, experiments, and project-based learning activities.
- Maintain detailed records of equipment usage, damages, repairs, maintenance activities and laboratory resources.
- Maintain accurate assessment and practical evaluation records for laboratory experiments.
- Assist lecturers during practical evaluation and assessment sessions.
- Ensure that laboratory equipment and work areas are maintained in a safe, functional, and orderly condition.
- Assist with the preparation of practical demonstrations, experiments, and laboratory activities in accordance with relevant safety procedures.
- Report equipment faults, safety concerns, shortages, and maintenance requirements to the appropriate academic or technical staff.
- Support the effective and safe use of electrical laboratory facilities by students and staff.
- Assist with GA and ECSA evidence files.

APPLICATION CRITERIA:

MINIMUM REQUIREMENTS:

- Advanced Diploma/BTech Engineering Electrical: Power Engineering
- Trade test certificate is an advantage.

EXPERIENCE:

A minimum of two (2) years of relevant laboratory experience in an institute of higher education, OR two (2) years of professional industrial experience.

ESSENTIAL SKILLS AND COMPETENCIES:

- A high level of discipline and reliability.
- Excellent communication (report-writing and verbal) skills.
- Expertise in Engineering software (MATLAB)
- Ability to conduct and evaluate electrical experiments.
- Good interpersonal skills (Collegiality, team player and time management).
- Problem-solving and critical thinking Skills.

CLOSING DATE FOR APPLICATIONS: 04 NOVEMBER 2026

Application requirements:

1. A fully completed prescribed application form, obtainable from www.vut.ac.za.
2. A detailed curriculum vitae (explicitly stating relevant experience or knowledge in the fields mentioned above).
3. Certified copies of all academic records and certificates or degrees.
4. A certified copy of your South African identity document.
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6. A certified copy of your South African identity document. Please ensure that all documents are certified within the last three months.
7. Current contact details of referees.
8. Applications must be emailed to recruitment9@vut.ac.za. Please quote the post reference and post description in the subject line.
9. No manual applications will be accepted. Incomplete applications, or applications submitted without the application form and required supporting documents, will be disregarded.
10. Only applications submitted using the official VUT application for employment form will be considered.

Correspondence will only be entered into with shortlisted candidates. If you do not hear from VUT within 6/8 weeks of the closing date, please regard your application as unsuccessful.

Enquiries may be directed to: Human Resources Department:

Ms Palesa Kgwadi Tel: 016 950 9135/ palesak@vut.ac.za Please note.

By submitting your application, you consent to VUT verifying your qualifications and sharing your personal information with the selection panel and other authorized persons involved in the recruitment process. Candidates with foreign qualifications must submit a South African Qualifications Authority (SAQA) certificate of evaluation. VUT is an equal opportunity and affirmative action employer. In compliance with the Employment Equity Act No. 55 of 1998 (as amended), and in line with its Employment Equity Plan and Recruitment Policy, preference will be given to suitably qualified candidates from designated groups, specifically African, Coloured, and persons with disabilities.

VUT reserves the right not to make an appointment. Only shortlisted candidates will be contacted. By applying for this position, you give permission to share your information with the selection panel or the relevant people involved in the recruitment.

